

[0053] ABSTRACT

[0054] A speech recognition system (105) includes an acoustic front end (115) and a processing unit (125). The acoustic front end (115) receives frames of acoustic data and determines cepstral coefficients for each of the received frames. The processing unit (125) 5 determines a number of peaks in the cepstral coefficients for each of the received frames and compares the peaks in the cepstral coefficients of a first one of the received frames with the peaks in the cepstral coefficients of at least a second one of the received frames. The processing unit (125) then segments the received frames of acoustic data based on the comparison.